

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Michael STEIGERWALD) Group Art Unit: 2833
Application No.: 10/670,556) Examiner: Unassigned
Filed: September 26, 2003) Confirmation No.: 8121
For: ELECTRON BEAM SOURCE,)
ELECTRON OPTICAL APPARATUS)
USING SUCH BEAM SOURCE AND)
METHOD OF OPERATING AN)
ELECTRON BEAM SOURCE)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

- 1) 4,151,014
- 2) 4,868,380
- 3) 5,041,724
- 4) 5,808,309
- 5) 5,763,880
- 6) 6,376,985
- 7) 4,096,386
- 8) 4,460,831
- 9) 3,864,572
- 10) 5,039,862
- 11) 5,808,425
- 12) 3,909,663
- 13) 6,444,980
- 14) 4,703,228
- 15) DE 196 04 272 A1
- 16) DT 23 49 352 B2
- 17) GB 1 440 776
- 18) DE 23 25 786 C2
- 19) DBP 1 005 202
- 20) L. Reimer, "Scanning Electron Microscopy:
Physics of Image Formation and Microanalysis,"
Springer Series in Optical Sciences, pp. 13-19,
(1998).

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

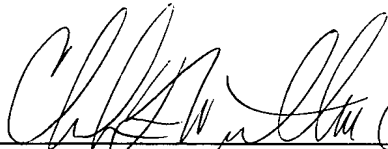
DE 23 49 352 B2 is a foreign language document. The undersigned has been informed that DE 23 49 352 B2 corresponds to GB 1 440 776 (copy attached), which is listed on the attached PTO-1449 form.

DE 23 25 786 C2 is a foreign language document. The undersigned has been informed that DE 23 25 786 C2 corresponds to U.S. Patent No. 3, 909,663, which is listed on the attached PTO-1449 form.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date February 5, 2004

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FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	10/670,556
Filing Date	September 26, 2003
First Named Inventor	Michael STEIGERWALD
Examiner Name	Unassigned
Attorney Docket Number	007413-067

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,151,014		Charschan et al.	04-24-1979
	4,868,380		Booman et al.	09-19-1989
	5,041,724		Feuerbaum et al.	08-20-1991
	5,808,309		Spehr et al.	09-15-1998
	5,763,880		Nisiyama et al.	06-09-1998
	6,376,985	B2	Lee et al.	04-23-2002
	4,096,386		Rempfer et al.	06-20-1978
	4,460,831		Oettinger et al.	07-17-1984
	3,864,572		Van de Mast et al.	02-04-1975
	5,039,862		Smith et al.	08-13-1991
	5,808,425		Härle	09-15-1998
	3,909,663		Thomas et al.	09-30-1975
	6,444,980	B1	Kawato et al.	09-03-2002
	4,703,228		West	10-27-1987

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	196 04 272	A1	Germany	08-08-1996	X	
	23 49 352	B2	Germany	04-11-1974		X
	1 440 776		Great Britain	06-23-1976		X
	23 25 786	C2	Germany	12-19-1974		X
	1 005 202		Germany	09-12-1957	X	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	L. Reimer, "Scanning Electron Microscopy: Physics of Image Formation and Microanalysis," Springer Series in Optical Sciences, pp. 13-19, (1998).

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.